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CCTV
EMEA Catalogue 2011/12



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victor Unified Video Management Solution

victor is a unified interface that lets you manage and control your Intellex DVR's, VideoEdge NVR's and associated IP and analogue cameras. End users are able to maximize their existing investments in analogue technology while adding NVR's and IP cameras over time. Its unmatched flexibility lets you create customisable layouts that exactly match the tasks an operator performs each day.

The victor site manager is the brains of the operation - storing data, operator profiles, roles information, and tracking who, what, device status and when operators interact with your video network.

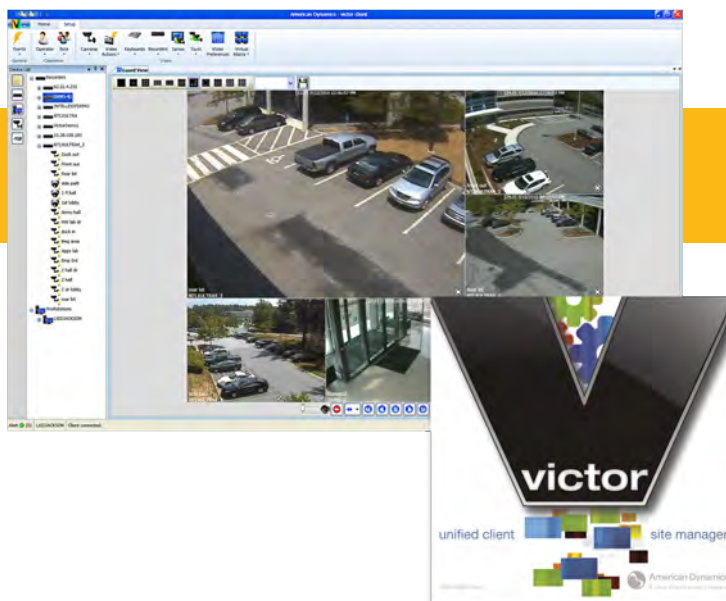
It is a platform for the future — unifying other security and business applications

victor

Unified Security and Video Solution

Features That Make a Difference:

- Manage live and recorded video from Intellex* DVRs and VideoEdge NVRs; analogue and IP cameras all from one intuitive client
- Robust motion-based smart search uses meta-data to provide fast video searching and analysis
- Display H.264, ACC, MJPEG, MPEG-4 video simultaneously
- Conduct time and date search on up to ten cameras across ten Intellex/VideoEdge recorders at once
- Includes advanced integrated policy management to control access to cameras, recorders, PTZ controls, search, export, and more
- Built-in Virtual Matrix capabilities to manage up to four monitors from variety of CCTV keyboards
- Easy to use interface and controls, mix live and recorded video within the same window for real-time response
- Intelligent Switch Layout feature enables multiple monitors to quickly change screen layout for fast response to situations
- Create, store, and manage camera views
- Organize and customise screen layouts for different operators' needs
- Built using Microsoft WPF (Windows Presentation Foundation)
- Supports XP, Vista, and Windows 7 (32 / 64 bit support)



victor unified client

The victor is a game-changing unified security and surveillance solution. With the powerful victor unified client, you get the unique ability to view, manage, and control live/recorded video from Intellex digital video recorders and VideoEdge network video recorders. Display analogue and IP video simultaneously with common feature set, no matter what the codec (H.264, ACC, MJPEG, MPEG-4); even mixing and matching technologies. All in one location without toggling between separate client applications!

The intuitive interface includes advanced Windows 7-like features such as tear off, snap, auto hide, tab, and dock windows providing a truly customisable operator experience.

Drag and drop cameras and devices into a near limitless number of video layouts on up to four monitors for the ultimate in video surveillance. An easy to use tree structure literally puts everything at your fingertips. Create and organize camera lists from multiple Intellex and VideoEdge recorders (any camera from any recorder) to meet the needs of different operators. Build video tours, salvos, or saved views and organize them into easy-to-use site lists for rapid response.

Motion-based smart searches are run on a database of meta-data instead of searching through hours or weeks of videos. This makes incident investigations incredibly fast and easy whether you're

searching for Intellex or VideoEdge video. Instant playback enables recorded videos to be played back in a variety of ways ensuring that you can rapidly investigate multiple views and associated videos seamlessly.

victor site manager

The victor site manager is the brains of the operation - storing data, operator profiles, roles and camera/recorder information. victor also journals and tracks what has happened on your video systems such as operators activities, search and export history.

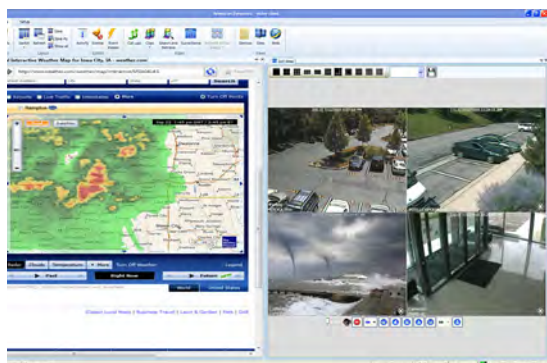
You may restrict access to what devices and features an operator can access by assigning them to a role using embedded policy management. For example, permissions can be to a specific camera or enable only video viewing of PTZ cameras. Any feature can be limited to your particular needs and updated as situations warrant. Similar to the portable profile features of Windows, you are able to move from one victor unified client to another and your credentials follow you regardless of PC.

Intuitive Operator Experience

Easily create multi-monitor user specific layouts to increase operator efficiency. One operator may have a layout that includes surveillance window (video panes), a device/site list, and an integrated web browser with the weather channel loaded so he can monitor the area for storms.

*Supports Intellex v3.2 and higher, and VideoEdge v4.0

With one click of the mouse, you can switch to a different layout that includes a virtual matrix and alert monitors to better suit the needs of a new situation. This easy layout switch allows you to more quickly respond to emergencies or changes in traffic or activity level.



This operator was able to quickly switch to his “weather alert” layout when he heard of an impending storm in the area.

Optimal Management of Events, Alerts, and Alarms improves Situational Awareness

Whether IP or analogue cameras, you can program multiple cameras and presets to respond to a single alert. This ensures you don't miss a thing, whatever cameras you are using.

Create video actions with PTZ presets linked to alarms. Automatically launch event breakthrough video salvos on specified monitors. Add audio alarms and instructions for officers to respond. You can generate alarms on:

- Motion detection
- Video loss
- Offline
- User generated
- Disk issues

Superior Searching Capabilities with Meta-data

Using innovative video analytics capabilities, victor makes searching for recorded video remarkably fast. Motion-based smart searches are performed using meta-data, which is essentially a database of motion pertinent to each frame, instead of the cumbersome method of locally downloading, analyzing, and then searching each video clip individually.

Accelerate investigations by adding in and time syncing associated cameras to motion-based smart search results. Easily

identify suspicious behavior and track individuals/ vehicles across cameras for in-depth analysis.

Time and date based searches can be performed on up to ten cameras across multiple Intellex and VideoEdge recorders, simplifying investigations.

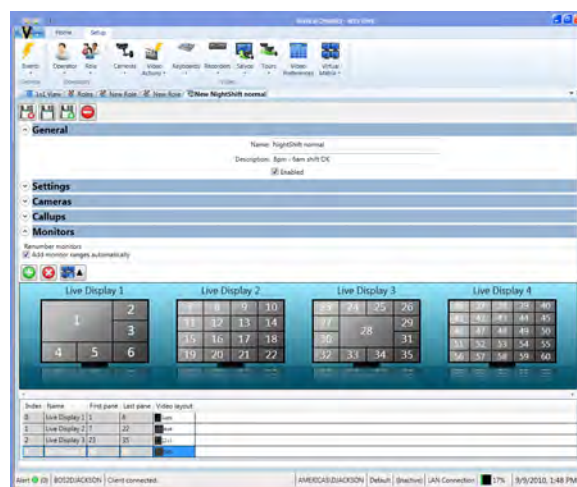
Instant Playback

victor's instant playback uses streaming video letting you easily transition from search to investigation. Additionally, instant playback can synchronize videos from multiple recorders (VideoEdge or Intellex) making analyzing a suspect movements cross cameras simple. No longer restricted by basic one-speed, forward or reverse searches, victor provides amazing flexibility by letting you search for video, forward or reverse at:

- Normal speed
- 1x, 2x, 3x, 4x normal speed
- Frame by frame
- Intuitive Jump Back button lets operators skip though video based on time increments (30 seconds, 1, 5, 10, 30 or 60 minutes)

Virtual Matrix

Manage your virtual matrix using a variety of CCTV keyboards across four monitors - all without buying a separate VMK product. Use auto-numbering or user-defined pseudo numbering of panes for easy video management.



The built-in virtual matrix setup auto numbering, call ups, and other settings make programming your system intuitive and fast.

Related Products



Discover Mini Dome



Intellex DVRs



VideoEdge



IP Cameras

VideoEdge Network Video Recorders

VideoEdge is a high-performance NVR that supports multi-channel audio and dual streaming for a robust enterprise video management solution. Pre-configured bundled server solutions utilize an embedded Linux operating system, web server, as well as user, camera, network and storage management applications. The unique victor unified video management solution allows you to view and manage all of your VideoEdge NVRs, as well as any Intellex DVRs you may have, all from one intuitive interface

Integrated and scalable, our storage solutions offer the best-in-class system fault tolerance, and includes an intuitive and integrated browser based storage interface. Our high performance storage solutions can store high definition images and extremely large files, especially images from megapixel cameras. Choose the storage solution that is right for you and your organization.

- **VideoEdge v4**
Network Video Recorder

VideoEdge v4

Network Video Recorder



Features That Make a Difference:

- Essential part of the victor unified video management system
- Supports H.264, MPEG-4 and MJPEG compression and dual-streaming cameras
- Generates and analyzes video motion scene meta-data for forensic victor unified client Smart Searches
- Supports dual streaming cameras enabling multiple video streams to be used for live, record, alarm bump and meta-data collection optimisation
- Embedded Linux® kernel provides the highest level of security and performance in tandem with low total cost of ownership
- Internal storage up to 10 TB or expandable with external storage up to 104 TB per NVR
- Live and recorded streaming video
- Synchronizes live and recorded audio and video streams, supports G.726, G.711, and AAC audio compressions
- Email notification of health alerts directly from NVR to assigned personnel
- Integrates with a variety of applications including Software House C-CURE 9000 access control systems
- Open platform supports many third party¹ devices and hardware
- Remote management from standard web browsers or client software
- Scalable architecture supports on-demand upgrades for additional video and storage devices
- Chain-of-custody feature provides indisputable video evidence

VideoEdge is a high-performance NVR that supports multi-channel audio and video for a robust enterprise video management solution. Pre-configured bundled server solutions utilize an embedded Linux 2.6 kernel operating system, web server, as well as user, camera, network and storage management applications. With the unique *victor* unified client and site manager you can view and manage all of your VideoEdge NVRs, as well as Intellex DVRs you may have, all from one intuitive interface.

H.264 takes video compression technology to a new level. It is capable of providing good video quality at substantially lower bit rates than previous standards (MPEG-4 or MJPEG). H.264 greatly reduces bandwidth transmission and storage requirements and associated savings in terms of network and days of video storage.

The VideoEdge NVR software has been performance tested² with up to 64 IP cameras on the 2U rack mount bundled server. It supports devices, including megapixel cameras, from a variety of manufacturers¹. Using encoders¹, you can also utilize analogue cameras.

The open system architecture of VideoEdge NVR allows you to start with any number of cameras and scale up as needed by uploading a newer camera license. There is no need to register each individual camera as required by many

other similar products on the market today.

VideoEdge bundled NVR is based on Intel's Westmere CPU for high system performance. The NVR uses Tier 2 near-line SAS hard disk drives specifically designed for high throughput performance critical server applications. Unlike commonly used low cost SATA drives Tier 2 SAS drives are intended for 24 x 7 reliability and an extended lifetime

Innovative Technologies

VideoEdge NVR has a true server-client architecture designed to manage video very efficiently and achieve superior performance. The processor, memory, and disk space overhead typically associated with commercially available operating systems do not apply to VideoEdge NVR.

VideoEdge systems provide unique built-in virtualization so that any number of NVRs and cameras from one or more sites looks like one logical NVR. This enables you to better manage a large number of devices and/or locations.

As the number of cameras increase at a facility, resolution and frame rate performance can become a challenge. VideoEdge NVR features many unique algorithms to achieve maximum read and write performance. Innovative techniques enable VideoEdge NVR to achieve the highest possible performance while supporting more devices and storage for the lowest total cost-of-ownership.

(1) Refer to www.americandynamics.net for the latest list of supported devices, hardware, codec's, browsers, and other related information including recommended system requirements for hardware and storage. All proprietary hardware components (e.g. RAID controllers) or devices (e.g. new IP cameras) require special drivers or unique camera handlers. Therefore review information related to the latest released version.
(2) VideoEdge NVR bundled server has been performance tested with up to 64 cameras on a single NVR. The camera license is based on a per video channel input; 8-channel encoders, will each occupy 8-channel slots. Therefore, review information related to the latest released version. The configuration of the NVR, number of cameras, codec, frame rate and recording modes will impact its performance and functionality.

victor unified video management system

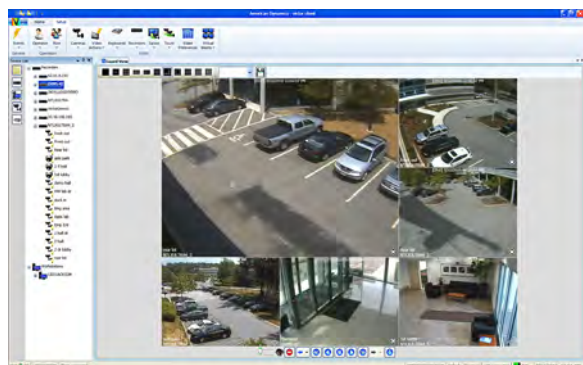
With the powerful *victor* unified client, you get the unique ability to view, manage, and control recorded video from Intellex DVRs, VideoEdge NVRs, as well as live streams from analogue and IP cameras. Display video simultaneously with common feature set, no matter what the codec (H.264, ACC, MJPEG, MPEG-4); even mixing and matching technologies. All in one location without toggling between client applications!



victor is an easy to use video management system leveraging VideoEdge's high performance video streaming, audio, meta-data motion scene capture, and more. For additional information please see the *victor* datasheet.

Scalability

VideoEdge NVRs are completely scalable to provide maximum return on investment (ROI). As your security needs grow you can add additional NVR camera licences³ simply. When storage requirements increase due to setting changes, such as with the addition of megapixel cameras or an increased number of cameras, the NVR is designed to dynamically support additional storage⁴.



victor and VideoEdge NVR 4 are a powerful easy to use video security system for a variety of applications.

Motion Meta-Data

VideoEdge NVR analyzes video streams and generates motion meta-data to be used in connection with *victor* to enable forensic ad hoc motion-based smart searches. Operators are able to get results for their investigations of recorded video for objects, individuals, vehicles, or other anomalous activities in hours to days video in a matter of seconds.

Dual Streaming Cameras

VideoEdge NVR camera settings enable you to maximize your storage and system performance. Two camera streams can be set up for a mix of live, recorded, alarm bump, and meta-data collection uses. For example, one stream can be set for a low frame per second and image resolution for low storage requirements. A second stream can be set for a high frame rate and resolution for live and alarm bump recording. Additionally, the VideoEdge NVR buffers both video stream making it possible to switch the recorded video for up to five minutes before and after the event; thus capturing critical incident in high quality video while minimizing your storage needs.

Enterprise Reliability

VideoEdge is designed for 24 x 7 usage with extremely high throughput of video with near lossless video recording. Health alerts can be setup to display in the *victor* Event Viewer and be sent as Email to inform a variety of users if there are system issues. The dual power supply when used with an uninterrupted power supply (UPS) ensure your recorder does not stop in the event of a power failure.

Security

Since VideoEdge NVR includes an embedded Linux operating system and functions as a web-based appliance, it provides the highest level of security. There is no keyboard access at the server, no file-level access, and no back-door access. The NVR operates in read-only mode and utilizes a minimum number of ports for access and communication. An administrator audit trail is also automatically generated to track system changes that affect the functionality of the NVR. VideoEdge NVR is extremely secure because it is a read-only device and restricts any file-level access. This secure environment prevents the installation of viruses, Trojan horses, spyware and other malicious programs. Other solutions running on standard operating system (e.g. Windows) would generally rely on the latest updates from third party security software to detect these types of programs after they have already been installed.

(3) VideoEdge NVR software license is based on a per video channel input; therefore, any multi-channel device, such as 8-channel encoders, will each require slots. The configuration of the NVR, number of cameras, codec, frame rate and recording modes will impact its performance and functionality.
(4) Direct Attached (Fibre) and Network (iSCSI-IP SAN) RAID Storage.

Related Products



victor



IP Cameras



Fibre + iSCSI
Storage Solutions



Software House
C•CURE 9000

Digital Video Management Systems

American Dynamics offers the most comprehensive range of digital video management products on the market. Available in a range of hardware platforms, including an IP-based platform, there is system tailored to fit nearly any application

- **Intellex**

American Dynamics offers the most comprehensive range of digital video management products on the market. From smaller installations (Intellex LT) to mid-size applications (Intellex DVMS) to more demanding applications requiring higher resolution and performance (Ultra), we offer a solution for any situation

[DVMS/Ultra/LT/IP](#)

[DVMS/Ultra/LT/IP Comparison Chart](#)

[Management Suite](#)

- **ADTVR**

The TVR series of embedded digital video recorders deliver digital video recording with extreme reliability in an economical package. It is an ideal solution for retail chain stores, banks, telecommunication, transportation, government infrastructures, resident areas, warehouses, etc.

[ADTVR](#)

[ADTVRVS](#)

Intellex®

Digital Video Management Systems

Features That Make a Difference:

- Gain the ability to multiplex, detect alarms and events, record video, audio and text, and much more
- Set dome presets, patterns and configurations right from the Intellex GUI
- Search for specific clips using video analysis tools and advanced text
- Operate Intellex like a virtual matrix via Network Client¹ with CCTV keyboard-based camera control and an expanded capacity to stream video simultaneously from multiple cameras
- React faster to potential emergencies with immediate email notification of system events and alarms
- View recorded video in streaming playback mode on Network Client without downloading the video onto that PC
- Respond to events with alarm-triggered dome positioning
- Record higher frame rates per second for certain cameras and assign the remainder to less critical cameras
- Combine video clips in Network Client into a single video incident storyboard²
- Use 3rd party applications—such as access control from Software House and Kantech as well as video forensics, virtual matrix, remote monitoring and more—integrated with Intellex via the powerful API
- Supports up to 20 simultaneous Client connections (Ultra, DVMS, IP)
- Use SmartSearch to easily locate video incidents in the video database.
- Kalagate Approved



Intellex Ultra

(available with 16 channels)

Intellex Ultra is a reliable, high performance platform which captures higher resolution, de-interlaced images (4CIF, 400 ips)³ without compromising the capability to record full motion video. Its 3U chassis saves expensive rack space, making it an ideal solution for applications ranging from larger retail outlets to casinos, airports and government facilities with limited space for security equipment. For ultimate flexibility and security, Intellex Ultra has up to four front-accessible, swappable 3.5 inch hard drive bays which can optionally be used in a RAID5 configuration. Plus, an industry first, separate, solid-state, embedded system drive meaning fewer moving parts to wear out or fail.

Intellex IP

(up to 16 network video streams)

Intellex IP supports IP cameras with performance of up to 400 ips at 1CIF and 200 ips at 4CIF. Intellex IP integrates seamlessly with existing Intellex systems, as well as analogue cameras when used with the American Dynamics VideoEdge IP Encoder. The ability to use existing IT network cable further reduces total cost of ownership.

Intellex DVMS

(available with 8 and 16 channels)



The original digital video management

system, Intellex DVMS has been leading the market since 1997. Intellex DVMS offers a 16-channel system that records up to 200 ips at 4CIF. Intellex DVMS is offered in a desktop or rack mount chassis with Standard, Deluxe and Premier²⁴ packages. This means simplified packaging for easier ordering, maintenance and configuration. And because Intellex DVMS is networkable and easily integrates with other equipment and software applications, it's a cost-effective solution for many new and existing applications.

Intellex LT

(available with 4, 8 and 16 channels)

Intellex LT delivers the key Intellex features in an economical package, providing the best solution for small retail stores, education and health care facilities and small offices. It can store more than 155 days of real-time video and supports as many as five simultaneous Network Client users.



(1) Requires v4.0 or higher.

(2) Sold separately.

(3) All ips measurements reflect PAL format. 100 ips PAL = 120 ips NTSC.

(24) Premier only in EMEA

(25) One copy of Network Client is included with every Intellex

Related Products



Discover Cameras



Speeddome



Touch Tracker

DVMS/Ultra/LT/IP Comparison Chart

Intellex Comparison Table				
	Intellex Ultra (Premier)	Intellex DVMS (Standard, Deluxe & Premier)	Intellex LT	Intellex IP (Premier)
				
Maximum Images per Second (PAL/NTSC):				
4CIF	480/400	240/200	120/100	240/200
2CIF	480/400	480/400	240/200	240/200
1CIF	480/400	480/400	480/400	480/400
Storage Capacity	1.0 TB, 2.0 TB, 3.0 TB, 4.0 TB (RAID5 3.0 TB)	250 GB, 500 GB, 1.0 TB, 1.5 TB ⁽⁴⁾	250 GB, 500 GB	1.0 TB, 2.0 TB, 4.0 TB
Windows® 7	Yes	Yes	Yes	Yes
Record Mode	Linear or Circular/Continuous	Linear or Circular/Continuous	Linear or Circular/Continuous	Linear or Circular/Continuous
Pre-Alarm Recording	Yes (up to 5 minutes)	Yes (up to 5 minutes)	Yes (up to 60 seconds)	Yes (up to 5 minutes)
Alarm Indexing	Yes (15 minutes)	Yes (15 minutes)	No	Yes (15 minutes)
Alarm/Event Notification:				
Remote	Yes (via Network Client)	Yes (via Network Client)	Yes (via Network Client)	Yes (via Network Client)
Local	Yes	Yes	Yes	Yes
Email	Yes	Yes	Yes	Yes
Video Resolutions Available:				
4CIF (NTSC/PAL)	704 x 480/704 x 576	704 x 480/704 x 576	704 x 480/704 x 576	704 x 480/704 x 576
2CIF	704 x 240/704 x 288	704 x 240/704 x 288	704 x 240/704 x 288	704 x 240/704 x 288
1CIF	352 x 240/352 x 288	352 x 240/352 x 288	352 x 240/352 x 288	352 x 240/352 x 288
Text Insertion (Via Serial Port)	Yes - 16 channels	Yes ⁽⁵⁾ (up to 8 channels)	Yes ⁽⁵⁾ (up to 8 channels)	Yes - 16 channels
Video Analysis Tools (Size, Speed, Direction of Motion)	Yes	Yes, Premier Edition only	No	No
Smart Search	Yes	Yes	Yes	Yes
Custom Schedule/Weekends	Yes, with IntellexCord	Yes, with IntellexCord	Yes, with IntellexCord	Yes, with IntellexCord
Multi-Screen Playback	Yes	Yes	No	Yes
Covert Camera	Yes	Yes	Yes	Yes
Dome Control	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200 or other third party switchers)	Via Network Client, Browser Client or Intellex GUI (via ADTT16E, ADACSNET, MP48, MP168, MP1024, MP3200, other third party switchers or any IP 422-compatible device)
Alarm-Triggered Camera Action	Yes	Yes	Yes	Yes
User-Defined Matrix & Dome Control Camera Handler	Yes	Yes	Yes	Yes
Activity Log (Who, When, What)	Yes	Yes	Yes	Yes
3rd Party Integration via API	Yes	Yes	Yes	Yes
Chassis Configuration	3U, Desktop/Rack Mount	4U, Desktop or Rack Mount ⁽⁶⁾	4U, Desktop or Rack Mount ⁽⁷⁾	1U, Rack Mount
Alarm Quality & Sensitivity Settings	Yes	Yes	Yes	Yes
Camera-Selectable Frame Rate	Yes	Yes	Yes	Yes
One-Click Clip Export	Yes, DVD-RW	Yes, DVD-RW	Yes, DVD-RW	Yes, DVD-RW
Extended Storage Devices	Yes	Yes	Yes	Yes
Support for Remote Configuration & Management	Yes	Yes	Yes	Yes
PAL/NTSC Toggle	Yes	Yes	Yes	N/A

(4) 250 GB and 500 GB are available in Standard Edition; 500 GB, 1.0 TB and 1.5 TB (rack mount) are available in Deluxe and Premier Editions.

(5) Premier Edition only.

(6) Rack mount is only available in Deluxe and Premier Editions.

(7) Accessory Kit is required for rack mount, ordered separately.

(8) CD-RW is only available in the Standard and Deluxe Editions; DVD-RW is only available in the Premier Edition.

Intellex®

Management Suite

Features That Make a Difference:

The Intellex® Management Suite takes video security to the next level by expanding your ability to centrally manage multiple Intellex systems over a computer network. These Windows®-based products make it easy to remotely manage, access, store, and secure your surveillance video. With our remote software, you can manage thousands of cameras either through American Dynamics® matrix switchers or via its virtual matrix capabilities.

Our support tools also enable you to:

- Add an extra layer of protection to your video system
- Tighten control over access to video
- Merge video security with IT security
- Archive video to off-site locations and network-attached storage

Of course, video technology isn't static. That's why we never stop working to develop and enhance these tools, offering free upgrades on our website to keep you at the forefront of innovation.

So add the Intellex Management Suite to your security arsenal and get the versatility to meet every challenge head on.



Network Client

Intellex was the first digital video management system on the market with a single remote management software program, Network Client, to work with every Intellex platform (DVMS, LT, Ultra, and IP). Install Network Client on any PC with a network connection and you'll have control of every Intellex on your system, no matter how far-flung or decentralised the operation. Simply log in and access a menu just as if you were sitting in front of an Intellex. Network Client integrates seamlessly with cameras linked to MegaPower matrix switchers or lets you view up to 64 cameras from multiple Intellex systems simultaneously with the single click of an American Dynamics CCTV keyboard¹.

Browser Client

Browser Client lets you view live Intellex video through a web browser. This free software package makes it easy for IT administrators to set up a dedicated website to view Intellex video, define which Intellex units to make available for viewing, and set up and administer a group of authorised users.

Intellex Policy Manager

Intellex Policy Manager provides additional security for a collective network of Intellex units and remote workstations running either Network Client or third party software applications that use the Intellex Application Programming Interface (API). Intellex Policy Manager enables administrators to assign detailed privileges to user and user group accounts for local and remote access to Intellex and Intellex functions.



Intellex Archive Manager

Intellex Archive Manager works seamlessly with Intellex to manage and organise stored video, audio, and text data on network-attached storage (NAS) devices. Easily access and manage network-stored data through Network Client and integrate with Intellex Policy Manager to extend advanced security settings from each camera to the archived video that it has recorded.

⁽¹⁾ Feature licensed and sold separately. CCTV keyboard sold separately.

Related Products



Discover Cameras



Speeddome



Touch Tracker

ADTVR

Embedded Video Recorder



Features That Make a Difference:

- Ultra-reliable, embedded Digital Video Recorder
- Range of 4, 8, and 16 video channel models with audio available (PAL/NTSC)
- Advanced H.264 video and Ogg Vorbis audio compression
- Simultaneous playback - up to 8 cameras from local interface
- Email alarm image
- Remote client software with mapping
- Web browser interface using Internet Explorer
- Fully compatible with Central Station remote monitoring software
- iPhone/iPad app
- Select the number of days to retain recorded video
- Local or remote PTZ control, multiple dome protocols available
- Detailed Logging System with powerful query options

Essential CCTV

Closed-Circuit Television is now part of the essential equipment installed into nearly all businesses and public buildings. Today's CCTV users demand better standards and more features from their CCTV system. The American Dynamics ADTVR will deliver all these facets by offering high quality recording, long storage times, remote access and alarm reporting with Central Station monitoring.

Local and Remote Operation

Whether you use the front panel controls or prefer to use a mouse, ADTVR's clean and concise user interface allows full control from the front of the recorder. Remote operation and administration of the ADTVR is easy, using Internet Explorer. You can also install the included Remote Client software to view cameras from more than one ADTVR on the same screen. Maintain and monitor up to 256 ADTVR units from a single client workstation.

Central Station Monitoring

The power of ADTVR is enhanced when used with professional remote monitoring. ADTVR is ready to use and compatible with both Mastermind and SureView (Immix) software platforms, which are used globally.

Security Management

Definable User Profiles allow the privileges and permissions to be set for each person using the ADTVR. For ease of use, a top-level administration and low-level guest profile are provided. Permissions for individual actions can be defined at a detailed level, such as which cameras can be remotely viewed, replayed, or exported.

Detailed logging, with powerful query options offered by ADTVR includes

recording of system activity, software operation, alarm, and remote device operation.

Privacy Masks

In today's crowded world, privacy masking is an essential feature. ADTVR offers up to four privacy masks per camera input, to prevent accidental viewing of sensitive areas, for example the PIN pad on a "Chip and PIN" device or into an adjoining property.

Alarms

ADTVR offers multi-zone motion detection for each camera input as well as hard-wired alarm inputs and outputs. In response to an alarm, ADTVR can send a camera to a pre-set position, pop-up the live preview image and send an email attaching a sequence of snapshots from the alarm.

Advanced, Embedded Technology

The ADTVR is an embedded DVR, making it very reliable and competitively priced. ADTVR offers the latest technologies, such as H.264 video compression, Linux kernel OS and DSP chipset.

The ADTVR can easily be added to an existing TCP/IP network as DHCP, DNS, DDNS and NTP and are fully supported. Built-in PPPoE capability allows the ADTVR to directly connect to a broadband line as an alternative option.

Target Customers

The comprehensive capabilities, competitive price point and simplicity of operation, make ADTVR an ideal choice for a wide range of situations including local health centres, schools and nurseries, commercial and office premises, banks, transport depots, government establishments and many other CCTV applications.

Related Products



Discover Cameras



Speeddome

ADTVR-VS

Embedded Video Recorder



Features That Make a Difference:

- RAID Storage System
- Extended Storage Module
- Rack Mount Kits
- External Speakers
- USB to RS-232 Adapters
- External DAT Drive
- USB Control Module
- Video BNC Looping Kit
- 400 and 500 GB Disk Upgrade for Intellex® Ultra

Advanced Technologies

The TVR-VS embedded digital video recorder utilizes the latest technologies, such as H.264 video compression, large capacity HDD recording, and TCP/IP transmission to ensure superior recording and compression. The embedded Linux OS and DSP chipset deliver extremely reliable digital video recording in an economical package. The simplicity of operation as a standalone unit or as a remotely managed system allow the TVR-VS to be widely used in banking, transportation, government, retail and other video recording applications.

Intuitive Operation and Management

The intuitive front panel, with IR remote control support, provides immediate control of all aspects of the TVR-VS. Use the mouse to easily navigate and operate the system. The multi-layered video search, easy to operate playback controls, and the ability to export video with player to removable storage media, all support the efficient assessment of recorded events.

Security Management

Administrators can locally or remotely create and manage multiple users and their associated access privileges, to ensure the highest level of system security. The TVR-VS also delivers various alarm features (e.g. camera tamper alarm, hard-wired alarm, motion alarm, and video loss alarm), to minimize security threats. In the event an alarm occurs, the TVR-VS can pop up the real time image or trigger a PTZ camera to a particular "preset" location. The log management system provides powerful query options that include system activity, software operation, alarm, and remote device operation logs.

Network Management

The TVR-VS can easily be added to an existing network via TCP/IP as PPPoE, DHCP, DNS, DDNS, NTP, and SADP are also supported. The full featured remote client provides complete remote operation and management functions including: live view, search, playback, video export, PTZ control, interactive maps, alarm monitoring, user management, remote configuration and firmware upgrade.

Related Products



Discover Cameras



Speeddome

Hybrid Digital Video Recorder

Customers around the world are recognizing the benefits of deploying megapixel cameras in security-critical locations while utilizing less expensive analogue cameras in other places. Hybrid video recorders from American Dynamics bring it all together

The HDVR from American Dynamics provides seamless integration and recording of both analogue and IP video surveillance cameras on an enterprise class chassis. This is a great way to protect your analogue camera investment while you consider either transitioning to IP cameras, or enjoy the benefits of a mixed environment.

- **HDVR**
- **Camera Compatibility**

HDVR

Hybrid Digital Video Recorder



Features That Make a Difference:

- Manage analogue and IP cameras from an intuitive interface
- Two flexible configurations available: 16 analogue/8 IP cameras; 32 analogue/8 IP cameras
- Each server is expandable to 64 IP cameras
- Supports H.264 and MJPEG on analogue cameras; H.264, MPEG4, MJPEG on IP cameras
- Unique removable BNC panel improves serviceability
- 2U and 4U rack-mountable servers
- Supports a wide variety of IP cameras including multi-megapixel
- Easily and cost-effectively add IP camera licenses
- Common client allows you to connect to an unlimited number of HDVR servers
- Use multi-monitor and wide-screen client display for easy viewing
- Easy-to-use, powerful video and audio export features
- Easy-to-use multi-camera view playback and export
- User –definable permissions and privileges
- Access video with most web browsers and mobile devices
- Easily analyse search results with configurable colour-coding
- RAID 5 storage option
- Compatible with iPhone, iPod Touch, iPad, BlackBerry and devices using Windows Mobile OS

HDVR (Hybrid Digital Video Recorder) from American Dynamics protects your analogue camera investment while you consider either transitioning to IP cameras, or enjoy the benefits of a mixed environment. HDVR provides seamless integration and recording of both analogue and IP video surveillance cameras on an enterprise class chassis.

The powerful, yet easy to operate client user interface installs on any standard computer running Microsoft Windows XP or Vista and can connect to multiple servers. Video from all HDVR systems can also be accessed with web browsers and mobile devices with access to the Internet.

Each HDVR server supports 16 or 32 analogue inputs and 8 IP inputs, which can be easily expanded to 64 IP cameras per server. The unique hardware platform supports H.264 and MJPEG compression technology on all analogue channels; H.264, MJPEG, MPEG-4 on IP channels. RAID 5 models provides redundant storage capabilities.

HDVR features a removable BNC panel, making it extremely easy to perform maintenance on the server without disrupting service; you simply replace the front of the unit while keeping all the BNCs intact.

Related Products



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VideoEdge NVR
4.0



HDVR

Camera Compatibility Matrix

American Dynamics HDVR supports a long list of IP and analogue camera handlers. The matrix below includes most models.

American Dynamics

VideoEdge IP Box Cameras	VideoEdge IP Dome Cameras
ADCIPEIDP (POE) ADCIPEIB24v	ADCIPEIMD (indoor) ADCIPEOMD (outdoor)

ACTi

Megapixel IP Box/ Bullet Cameras	IP Bullet Cameras	IP Cube Cameras	Single-Port Video Servers
ACM-1231/1232 ACM-1511 ACM-5601/5611 TCM-5311	ACM-1011 ACM-1100 series ACM-1311 ACM-1431/1432	ACM-4000/4001 ACM-4100 IP PTZ Cameras ACM-8201/8211 ACM-8511	ACD-2100 SED-2120 SED-2140 TCD-2500
Megapixel IP Fixed Dome Cameras	IP Speed Dome Cameras	IP Fixed Dome Cameras	Multi-Port Video Servers
ACM-3401/3411 ACM-3511 ACM-3701/3703 ACM-7411	CAM-6200 series <i>no PTZ</i> CAM-6510 CAM-6600 series	ACM-3001 ACM-3011 ACM-3100 series ACM-3211 ACM-3311 ACM-3601/3603 CAM-7100 series CAM-7200 Series CAM-7300 series	ACD-2200 ACD-2300 ACD-2400
Megapixel IP Cube Cameras	IP Box Cameras		
ACM-4200/4201 TCM-4301	ACM-5001 CAM-5100/5120 ACM-5711 CAM-5201/5221 CAM-5301/5321		

Axis

Fixed Network Cameras	HDTV H.264 Network Camera	H.264 Network Cameras	1-Port Video Encoders
Axis 206/206M Axis 207 Axis 207W Axis 207MW Axis 210 Axis 210A Axis 211 Axis 211A Axis 211M Axis 211W Axis 221 Axis M1011 Axis M1011-W Axis M1031-W Axis P3343 Axis P3343-V Axis P3343-VE Axis P3344 Axis P3344-V Axis P3344-VE	Axis Q1755 Axis P1346 Fixed Dome Network Cameras Axis 209FD Axis 209FD-R Axis 209MFD Axis 209MFD-R Axis 216FD Axis 216MFD Axis 216FD-V Axis 216MFD-V Axis 225FD PTZ Dome Network Cameras Axis 231D+ Axis 232D+ Axis 233D Axis Q6032-E	Axis P1311 Axis P1343 Axis P1344 Axis M3011 Axis P3301* Axis P3301-V* <i>* Axis P3301 & P3301-V require firmware 5.01.1</i> PTZ Network Cameras Axis 212 PTZ Axis 212 PTZ-V Axis 213 PTZ Axis 214 PTZ Axis 215 PTZ USB Video Surveillance Joystick Axis 295	Axis 241S Axis 241SA Axis 242S IV Axis 243SA Axis 247S Axis Q7401 Axis M7001 4-Port Video Encoders Axis 240Q Axis 241Q Axis 241QA Axis 243Q Axis Q7404 6-Port Video Encoders Axis Q7406

Arecont Vision

H.264 Megapixel IP Cameras	H.264 MegaDome Cameras	Panoramic H.264 IP Cameras	MJPEG Megapixel IP Cameras
AV5105 AV3105 AV2105 AV1305	AV5155 AV3155 AV2155 AV1355	360 deg - AV8365 180 deg - AV8185	AV5100 AV3130 AV3100 AV2100 AV1300
		Panoramic MJPEG IP Cameras	
		360 deg - AV8360 180 deg - AV8180	

Basler

Network Cameras			
BIP-640c1	BIP-1000c	BIP-1300c	BIP-1600c
BIP-640c-dn	BIP-1000c-dn	BIP-1300c-dn	BIP-1600c-dn

Canon

Network Cameras		
VB-C50i	VB-C60	VB-C500D

CEC

H.264 Megapixel IP Cameras	MJPEG Megapixel IP Cameras	IP Dual-Codec Cameras	Panoramic Megapixel IP Cameras
MP1DN MP2DN MP3DN MP5DN	MP1A MP2A MP3-DN-2 MP5	DDK-1500 DDK-1500D	180 deg - MP8P ** 360 deg - MP8D-L4 ** <i>** requires firmware 64118 or newer</i>
		IP Fixed Dome Cameras	
		ZN-D2024	IP Cameras ZN-YH305

D-Link

Network Cameras	
DCS-6620	DCS-5220
DCS-6620G	DCS-2120
DCS-3420	

Digital View

Network Box Cameras	Network Dome Cameras
IV-LC-7222DNPOE	IV-LC-7233H

GE Security

CamPlus IP Rugged Dome	2 Mpixel - GEC-MP2
GEC-IPDR	3 Mpixel Day/Night - GEC-MP3-DN

Honeywell

Megapixel IP Cameras		
HGX3	HGX5D	HGX13M

ioi

ioiCam IP Cameras	ioiCam Video Encoders
wdc100dn mmp100dn xptz100dn	trk Series - all
<i>ioimage notes: - exacqVision version 3.3 or above required - ioimage firmware 1.5.6 or above required</i>	

IPX

Network Box Cameras	Network Dome Cameras	Network Video Encoders
IPX-DDK-1500	IPX-DDK-1500D IPX-DDK-1600D	IPX-VE-3500

IQinvision

IQeye Sentinel Series	IQeye Alliance Series	IQeye 4 Series	Legacy Models
IQ811 IQ802/IQ852 IQ803/IQ853 IQ805/IQ855	IQA10/IQA20 IQA11/IQA21 IQA12/IQA22 IQA13/IQA23 IQA15/IQA25	IQ040SI IQ041SI IQ042SI IQD40SI IQD41SI IQD42SI	IQ710DI/IQ712DI IQ701 IQ301/IQ302/IQ303
IQeye 700/750 Series	IQeye 5 Series	IQeye 500 Series	
IQ711 IQ702/IQ752 IQ703/IQ753 IQ705/IQ755	IQ540SI IQ541SI IQ542SI	IQ511 IQ510	

Panasonic

Fixed Network Camera	PTZ & Dome Cameras	4 Channel MPEG4/ JPEG Encoder	Megapixel IP Cameras
WV-NP244 WV-NP1004	WV-NW502S WV-NS202* WV-NS202A* WV-NF284 WV-NW484S WV-NS954 WV-NW964 <i>* auto-tracking supported</i>	WJ-NT304	WV-NF302 WV-NP304 WV-NP502

Sony

Fixed Network Cameras	Dome Cameras	Megapixel IP	PTZ Cameras
SNC-CS50N / SNC-CS50P SNC-P1 SNC-CS11 / SNC-CS11P SNC-CS10 / SNC-CS10P SNC-CS20	SNC-DF40N / SNC-DF40P SNC-DF50N / SNC-DF50P SNC-DF70N / SNC-DF70P SNC-DF80N / SNC-DF80P SNC-DS10 SNC-DS60	SNC-DM110 SNC-CM120 SNC-DM160	SNC-RX570N / SNC-RX570P SNC-RX550N / SNC-RX550P SNC-RX530N / SNC-RX530P SNC-RZ25N / SNC-RZ25P SNC-RZ50N / SNC-RZ50P SNC-P5

Speco Technologies

IP Cameras	IP Megapixel Cameras	IP Servers
SIPB1/B2 SIPT5 SIPD3/D4 SIPSD10X	SIPMPB SIPMPD SIPMPT5	SIPS101

StarDot

Megapixel Hybrid IP Camera	Network IP Camera
NetCam SC	NetCam XL
<i>StarDot notes: - StarDot firmware 1.1.61 or above required</i>	

VIVOTEK

Fixed Series	PTZ Series	Dome Series
IP6112/6122	PZ6112/6122	FD6111V/6121V
IP6117/6127	PZ6114/6124	FD6112V/6122V
IP7131	PT7135	SD6112V/6122V
IP7132	PT7137	FD7131
IP7135	PZ711/PZ7121	FD7141
IP7137	IP7161	SD7151
IP7138	IP7330	FD7160
IP7139	IP7361	
IP7151	PZ7152	

SpeedDome Programmable Cameras

SpeedDome cameras give you a comprehensive view that you simply cannot get from a fixed camera. Our technology delivers the details of your target, zooming in or out in less than a second to capture the image you need the instant an alarm goes off. Our innovative Zoom-Adjusted Programming (ZAP) lets you pan, tilt, and zoom in every direction, automatically adjusting the pan and tilt speed in proportion to the zoom. Additional features enable you to conduct a virtual patrol of your facility whether or not someone is manning the controls. Auto-focus with manual override renders a clear picture every time. From the most distant corner of a parking garage to the maze of hallways throughout a building, SpeedDome programmable dome cameras take you everywhere you need to see. Add to that an IP video signal and IP SpeedDome cameras integrate directly into your IP video surveillance system

- **SpeedDome Ultra 8 (35x/22x)**
- **SpeedDome Ultra 8 (35x/22x)**
SDU8 Housing
- **SpeedDome Optima & Optima LT**
- **IP SpeedDome**
- **IP SpeedDome**
IP Housing
- **Controllers**
ADTT16E

SpeedDome® Ultra 8

Programmable Dome Camera

Features That Make a Difference:

- Two powerful series (22x and 35x optical zoom) let you choose the dome that's right for your application
- Powerful 35x optical zoom (ADSDU835) features 540 TVL and other advanced features for superior images
- Store presets and patterns within the base to eliminate reprogramming
- No fans ensure quiet operation and superior reliability
- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation
- Covert design eliminates the need for an external bubble
- Innovative I/O base design simplifies installation
- Continuous autofocus provides the clearest images during full range of motion
- Dome usage statistics provide important information on how a dome is utilized
- Up to 8 privacy zones give you the flexibility to protect confidential areas or respect personnel privacy
- Advanced on-screen display with titles provides the detail you need to know exactly what you're looking at
- Supports SensorNet, RS-422, AD-UTC, Manchester and select manufacturers protocols¹
- Supports NTCIP protocol, designed specifically for the transportation market
- 35x series offers Day/Night, Digital Slow Shutter (DSS) and Wide Dynamic Range (WDR) functionality to provide the flexibility to monitor any type of environment
- 35x series offers Electronic Image Stabilization (EIS) to reduce image blurriness when the mounted camera experiences movement



SpeedDome Ultra 8 (35x series)

The 35x series offers the highest performance with 540TVL, 35x optical zoom, WDR, day/night, DSS and EIS. The day/night and DSS features allow you to clearly see images in scenes as dim as 0.00041 lux. EIS reduces the vibration so the image can be viewed properly. This feature is especially useful when the dome is installed in places that subject it to shaking or moving, such as a pole next to a highway. These features combine to make the SpeedDome Ultra 8 series an ideal solution for outdoor applications requiring high resolution images whether up close, far away or for indoor applications requiring the best picture possible, such as in casinos or retail establishments.

SpeedDome Ultra 8 (22x series)

The 22x series delivers excellent color images in scenes as dim as .02 lux. Zoom ability consists of 22x optical and 11x digital zoom for 242x total zoom. Like the 35x series, the 22x offers advanced programmable features including DSS, automatic home position, dome usage statistics, privacy zones, advanced on-screen text, and freeze frame on presets to conserve digital recorder hard drive space. This series is well-suited for indoor applications requiring clarity, color and detail in well lit or low light conditions.

(1) Compatibility with other manufacturers is based upon known current protocols and controllers at time of test. However, compatibility may be affected if other manufacturers make changes to their products.

Related Products



Intellex DVRs



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HDVR

SpeedDome® Ultra

Outdoor Dome Housing



ADSDUHO
Outdoor Dome Housing



ADSDUHOVRC
Vandal Resistant Outdoor Dome Housing

Features That Make a Difference:

- Reinforced high impact design with vandal resistant option
- Stores presets and patterns within the base to eliminate reprogramming
- Four alarm inputs, one output
- Temperature-controlled interior environment
- Automatic defog and defrost heater cycle modes with manual heater on/off control
- On-demand menu displays housing temperature and humidity
- Thermostatically controlled heater and blower prevent excessive buildup of ice and removes any that does accumulate in one hour
- Meets IP66/NEMA 4 specifications
- Includes four tamper-proof screws and driver bit
- Surge and lightning protection of video, communications, alarm input and output, and power
- Plug and play connectors enable easy servicing of I/O board
- Internal LEDs and switches verify proper power and communication status
- Integrated Unshielded Twisted Pair (UTP) simplifies wiring and installation
- J-Boxes available to facilitate wiring of housing and dome
- Ceiling, pole, roof, wall and corner mounts available

The SpeedDome® Ultra outdoor housing allows SpeedDome Ultra programmable dome cameras to be installed in virtually any environment. The housing has been designed to provide maximum protection to the internal camera in various weather conditions. In extreme temperatures, the housing's built-in thermostatically controlled heater and blower prevent excessive ice from forming on the outside bubble. In addition, you can manually activate a defog and defrost mode and even view the housing temperature and humidity. The housing is constructed with a reinforced fiberglass high impact polycarbonate material along with a UV stabilized sun shade, trim ring and top cover. The bubble assembly is affixed to the top via tamper-proof screws.

For applications where vandalism is a concern, a vandal resistant model is available which includes an aluminum sunshield cover and a high impact bubble which meets ANSI-87.1 impact safety standards. For additional protection a stainless steel bubble cage is also provided.

SpeedDome Ultra programmable dome cameras are easy to install. Simply plug in the video cable, connect power and data, and the installation is complete. Power and communications LEDs provide diagnostics, confirm proper connections and aid in troubleshooting.

Presets, patterns and other parameters are stored in the housing's I/O board so if a dome has to be replaced the programming is automatically downloaded to the new dome.

The housing is equipped with four alarm inputs and one alarm output and surge protection is provided to all video and external lines. The housing is available with your choice of a clear or smoked bubble and a variety of mounts make it easy for you to install it in nearly any application.

An optional end cap assembly is ideal for cable interconnection and with the use of third party fiber optic interfaces.

Related Products



Intellex DVRs



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HDVR

SpeedDome Optima and Optima LT

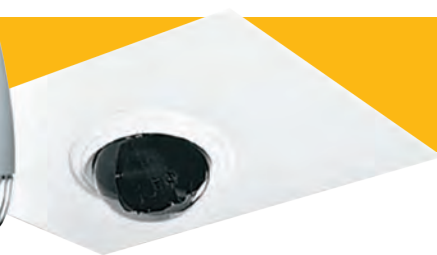
Indoor and Outdoor Programmable Dome Cameras

Features That Make a Difference:

- Color camera with up to 242x zoom (22x optical, 11x digital)
- 470 TVL horizontal resolution
- Zoom adjusted programming
- Auto focus and auto iris
- Auto white balance
- Automatic gain control
- Line-lock
- Supports Manchester, SensorNet, and RS-422² protocols
- Unshielded Twisted Pair (UTP) wiring video transmission
- Up to 96 user-definable presets
- Three user-definable patterns
- Power-on functional tests
- LEDs provide diagnostics
- Easy to install and service
- Priced comparably to a PTZ with more features and easier to install
- Stepper motors with micro-step control
- Selectable home position



SpeedDome Optima
(Outdoor)



SpeedDome Optima LT
(Indoor)¹

SpeedDome Optima and SpeedDome Optima LT deliver the standard features of a programmable dome but are priced comparably to a PTZ. These series of domes provide an alternative for customers who prefer the convenience and programmability of a dome camera but previously considered domes to be price-prohibitive.

Choose from several innovative mounting options. Optima LT can be mounted in a hard ceiling, 2x2 tile, or on a wall using a pendant mount, while Optima includes a versatile outdoor pendant mount. Since the domes contain all of the necessary components, installation is a breeze – just 15 minutes from box to ceiling with the hard ceiling mount. The domes' power-on diagnostics and functional tests assist with fault isolation during install and service.

The domes accommodate a variety of protocols, including Manchester, SensorNet, and RS-422², making them compatible with select American Dynamics controller or matrix switcher/controller systems.

The domes feature a color camera with 22x optical zoom (11x digital) and 470 TVL resolution, providing a quality, high-resolution picture. The domes also provide user-programmable presets and patterns.

(1) RH2X2 Ceiling Mount Adaptor not included
(2) SpeedDome Optima supports four wire RS-422

Related Products



Intellex DVRs



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IP SpeedDome

Programmable Dome Cameras



Features That Make a Difference:

- 22x and 35x optical zoom
- Supports H.264, MJPEG, MPEG-4 and Active Content Compression (ACC) technology
- PoE makes use of existing IT network infrastructure to reduce installation and startup costs
- 35x series offers 540 TVL, Electronic Image Stabilization, True Day/Night, and Wide Dynamic Range
- Time-stamped video and audio can provide synchronized information
- Up to 32 privacy zones
- Supports up to 96 preset positions with user-defined titles and 16 preset sequences
- Built-in web server
- Fully compatible with VideoEdge NVR v3.0 or higher and Intellex IP

Utilising the same innovative features found in the analogue programmable dome cameras and adding the power of IP, VideoEdge IP SpeedDomes are available with either 420x total zoom (35x optical zoom with 12x digital magnifier) or 242x total zoom (22x optical zoom with 11x digital magnifier).

The 35x series includes powerful features that contribute to VideoEdge IP SpeedDomes high image quality including Electronic Image Stabilization, Wide Dynamic Range (WDR) and True Day/Night.

VideoEdge IP SpeedDomes offer de-interlacing which significantly improves picture quality by removing artifacts caused by capturing moving images at separate points in time. De-interlaced images enhance visual quality, reduce the workload for downstream image compression, and save storage space.

Compatible with VideoEdge Network Video Management Systems and Intellex IP, the IP domes support H.264, MJPEG, MPEG-4 and Active Content Compression (ACC) technology. Powerful bandwidth management capabilities allow the domes to monitor a single IP stream and limit the amount of compressed data to a user-controlled threshold.

A built-in web server allows you to configure the domes and stream video using Internet Explorer version 6 and higher. An intuitive control interface lets you adjust images per second and

resolution based upon specific viewing/recording requirements. In addition, you can easily access presets, patterns, and other programmable features.

Based on privilege level, you can access all or some of the below functionality via the web:

Live video and camera controls, as well as configuration of video, presets, patterns, scans/sequences, privacy zones, audio and camera settings.

Configuration of the PTZ functionality overlay settings, areas within the field of view, alarms, sequences, scheduled tasks, video settings and audio.

Networking configuration of camera date and time, TCP/IP, user rights, SMTP, FTP, firewall, general maintenance and advanced settings. Based on privilege level, you can access all or some of the functionality via the web:

- Live video and camera controls, as well as configuration of video, presets, patterns, scans/sequences, privacy zones, audio and camera settings.
- Configuration of the PTZ functionality overlay settings, areas within the field of view, alarms, sequences, scheduled tasks, video settings and audio.
- Networking configuration of camera date and time, TCP/IP, user rights, SMTP, FTP, firewall, general maintenance and advanced settings.

Related Products



Intellex DVRs



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HDVR

IP SpeedDome

Indoor and Outdoor Dome Housings

Features That Make a Difference:

- Precision-crafted bubbles maintain the integrity of light and image
- Reinforced high impact design with vandal resistant option
- Four alarm inputs, one output
- Surge and lightning protection of video, data, alarm input and output, and power
- Plug and play connectors enable easy servicing of environmental board
- Ceiling, pole, roof, wall, and corner mounts available

Outdoor Housing-Specific Features

- Temperature-controlled interior environment
- Automatic defog and defrost heater cycle modes
- Thermostatically controlled heater and blower prevent excessive buildup of ice and removes any that does accumulate in one hour
- On-demand menu through the web interface displays housing temperature and humidity
- Meets IP66/NEMA 4 specifications



Indoor and Outdoor Dome Housing



Vandal Resistant Indoor and Outdoor Dome Housing

The VideoEdge IP SpeedDome indoor and outdoor housings allow the IP Dome to be installed in virtually any environment. The superior optics within the bubble have been designed to maintain the integrity of light, producing images that are optically correct.

The housings have been designed to provide maximum protection to the internal camera in various conditions. In extreme temperatures, the outdoor housing's built-in thermostatically controlled heater and blower prevent excessive ice from forming on the outside bubble.

Both indoor and outdoor housings are constructed with a reinforced fiberglass high impact polycarbonate material along with a UV stabilized sun shade, trim ring, and top cover. The bubble assembly is affixed to the top via tamper-proof screws.

For applications where vandalism is a concern, a vandal resistant model is available which includes an aluminum sunshield cover and a high impact bubble which meets ANSI-87.1 impact safety standards. For additional protection, a steel bubble cage is also provided.

The housings are equipped with four alarm inputs and one alarm output and surge protection is provided to all video and external lines. The housings are available with your choice of a clear or smoked bubble and a variety of mounts make it easy for you to install it in nearly any application.

An optional end cap assembly is ideal for cable interconnection.

Related Products



Intellex DVRs



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ADTT16E Touch Tracker

Advanced Dome Controller



Features That Make a Difference:

- Three levels of password protection
- Control of Multivision Quest multiplexers
- Direct dome control of up to 64 video inputs
- Intuitive front panel provides easy control and management
- Controls up to sixteen video inputs with a multiplexer or EDVR
- Compatible with SensorNet SpeedDomes
- New controlstick controls pan/tilt functions
- Up to 96 programmable presets per dome
- Three programmable patterns per dome
- One programmable sequence
- Up to four simultaneous dome input alarms
- Supports ten different languages
- Backlit LCD display
- Easily interfaces with the Intellex® Digital Video Management System for dome control

The ADTT16E Touch Tracker Advanced Dome Controller, ergonomically designed for ease of operation, is the perfect controller for any small surveillance application. This programmable video controller allows you to control up to 64 SensorNet programmable domes, including both indoor and outdoor versions of SpeedDome Ultra and SpeedDome Optima. The controlstick provides pan/tilt control of the currently selected dome. Buttons for lens zoom, focus and iris functions are located near the controlstick enabling one handed operation.

Standard features include programming/control of up to 96 presets and three patterns per dome. The ADTT16E can be used as a standalone unit for control of a single video input or several inputs on dedicated monitors. In addition, with Multivision Quest multiplexers, the operator can remotely freeze an image, digital zoom, as well as run multiplexer sequences and select the cameras to display in each window of a multi-image display.

The system can manage up to four simultaneous dome alarm inputs; this ensures that all alarm events are recognized, even if more than one alarm occurs simultaneously. When used in conjunction with a multiplexer, Intellex Digital Video Management System or EDVR the controller can define and display a sequence of up to sixteen video inputs on a single monitor. The inputs can also be displayed in multi-screen format. The ADTT16E supports ten languages and easily integrates with Intellex for dome control.

Related Products



Intellex DVRs



Speeddome

Fixed Cameras Analogue

The Discover series of analogue cameras now includes a new selection of bullet style cameras with built in IR illumination as well as additions to the mini-dome line. The Discover series cameras are comprised of models to suit all applications and budgets.

The Discover 200 Series cameras are ideal for budget-conscious customers, offering a powerful price/performance ratio. Cameras are available in PAL or NTSC formats.

The Discover 600 Series cameras offer high performance, providing excellent image quality under many diverse lighting conditions. These cameras are the ideal choice for applications requiring high resolution images and true colour rendition. These cameras are also available in PAL or NTSC formats and are provided in IP66 or IP67-rated housings.

All cameras offer Back Light Compensation (BLC), Automatic Gain Control (AGC), Auto Iris or Auto Electronic Shutter and Automatic White Balance. They are ideal for any analogue or hybrid system and can be retro-fitted to existing installations. Both series of cameras are extremely reliable, easy to install, and ideally suited to changing security needs.

- **Fixed Analogue**

- Discover 200 Bullet Camera

- Discover 200 Indoor Mini-Dome

- Discover 600 Bullet Camera

- Discover 600 IndoorOutdoor Mini-Dome

- Discover Box Camera

- Discover Mini-Dome Indoor Series

- Discover Mini-Domes Indoor Outdoor Series

Discover 200 Series Cameras

Bullet



Features That Make a Difference:

- High resolution 380 TVL camera
- Day/Night switching for low light conditions
- Complete with lens and universal mount
- Built-in IR illumination array
- IP66-rated housing for outdoor use
- Low power consumption
- Provided with a wall/ceiling mount fitted

The Discover 200 Series Bullet offers models to suit all applications and budgets. For businesses that are cost-sensitive, the 200 Series offers a powerful price/performance ratio.

All cameras in this series offer backlight compensation (BLC), automatic gain control (AGC), auto iris or auto electronic shutter, and automatic white balance.

The Discover 200 Series Bullets are an ideal choice for applications requiring high resolution images and accurate color rendition. Features include Day/Night switching with built-in IR illumination array. For settings with typical lighting such as daylight or lit indoor applications, this camera provides high resolution color images. When light levels drop, the camera automatically turns on the built-in IR illuminators and switches from color to black and white to capture images in very low light.

These cameras are available in NTSC or PAL formats and are provided in IP66-rated housings to meet a variety of installation requirements. Extremely reliable, easy-to-install, and designed for use in a wide variety of applications, the Discover 200 bullet cameras are ideally suited for areas where high performance in a mixture of lighting conditions is required.

Related Products



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DVRs



HDVR



TVR Series

Discover 200 Series Cameras

Indoor Mini-Dome

Features That Make a Difference:

- High resolution 480 TVL camera
- 1/3 inch format CCD
- 4-9 mm auto iris lens
- 3 axis gimbal
- 12VDC or 12VDC/24VAC option
- Optional mounting accessories



The Discover 200 Series Mini-Dome offers models to suit all applications and budgets. For businesses that are commodity-driven and cost-sensitive, the 200 Series offers a powerful price/performance ratio.

All cameras offer backlight compensation (BLC), automatic gain control (AGC), auto iris and automatic white balance.

The Discover 200 Series Mini-Domes are the ideal choice for budget-conscious customers requiring high resolution images and accurate color rendition.

The 3 inch Mini-Dome features a quality vari-focal, auto iris lens, and a wall or ceiling mount. A 3-axis gimbal

gives a full 360° pan and rotate, and 90° of tilt. The 4 inch version has an auto-sensing 12VDC/24VAC power input and can be fitted to a selection of mounting accessories. These cameras are extremely reliable, easy-to-install, and designed for use in a wide variety of applications.

These cameras are ideally suited for areas where high performance in a mixture of lighting conditions is required.

Related Products



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TVR Series

Discover 600 Series Cameras

Bullet

Features That Make a Difference:

- Super high resolution 520 TVL camera
- Day/Night switching for low light conditions
- IR corrected, 3X vari-focal lens
- Built-in infrared illumination
- IP66-rated housing for outdoor use
- Complete with lens and universal mount
- Provided with a wall/ceiling mount fitted



The Discover 600 Series Bullet cameras offer high performance and features, to provide excellent image quality under many lighting conditions. Both cameras in the series offer backlight compensation (BLC), automatic gain control (AGC), Auto Electronic Shutter (AES) and automatic white balance (AWB). These high performance models offer many advanced and easy-to-use features including Day/Night functionality, 3X zoom IR corrected lens, Infrared (IR) array and IP66 rated housing.

The Discover 600 Series bullet cameras are the ideal choice for applications requiring 540 TVL to provide super high resolution images and accurate color rendition.

For scenes with typical lighting conditions such as daylight or lit indoor applications, these cameras provide 520 TVL ultra high resolution images. When light levels drop, the camera automatically turns on the built-in IR illuminators and switches from color to black and white to capture images in very low light.

Cameras are available in NTSC or PAL formats and are provided in IP66-rated housings to meet a variety of installation requirements. These cameras are extremely reliable, easy-to-install, and ideally suited for areas where high performance in a variety of lighting conditions is required.

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TVR Series

Discover 600 Series Cameras

Indoor/Outdoor
Vandal Resistant

Features That Make a Difference:

- Super high resolution 540 TVL (NTSC) True Day/Night
- Removable IR Cut Filter
- Auto Iris, IR corrected
- 3X vari-focal lens
- Built-in IR illumination
- Unshielded Twisted Pair (UTP) option
- IP67-rated housing for outdoor use
- Provides recessed mounting or surface mounting options as standard



The Discover 600 Series, vandal resistant Mini-Dome offers high performance and features, to provide excellent image quality under many and diverse lighting conditions. All cameras offer backlight compensation (BLC), automatic gain control (AGC), auto iris and automatic white balance (AWB).

The Discover 600 Series Mini-Domes are the ideal choice for applications requiring 540 TVL to provide high resolution images and accurate color rendition. Features include a moving mechanical IR cut filter that provides True Day/Night functionality.

For scenes with typical lighting such as daylight or lit indoor applications,

this camera provides 540 TVL high resolution image. When light levels drop, the camera automatically switches on the built-in IR illuminators and switches from color to black and white to capture images in very low light. Cameras are available in NTSC or PAL formats and are provided in IP67-rated and vandal resistant housings to meet a variety of installation requirements.

These cameras are extremely reliable, easy-to-install, and designed for use in a wide variety of applications. Ideally suited for use in areas where high performance in a variety of lighting conditions is required.

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DVRs



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TVR Series

Discover Box Cameras

Super High Resolution Fixed Cameras and True Day/Night Fixed Cameras

Features That Make a Difference:

- 540 TVL models with Night-Saver mode and True Day/Night models with moving mechanical IR cut filter
- Available in 24 VAC/12 VDC NTSC, 24 VAC/12 VDC PAL or mains 230 VAC PAL
- Superior low-light performance
- Auto white balance (AWB) adjusts for accurate colors across a multitude of lighting conditions
- Automatic gain control (AGC), automatic electronic shutter (AES), and backlight compensation (BLC)
- Phase adjustable line-lock or internal synchronization
- Compatible with C/CS lenses, video, or DC auto iris versions, including choice of IR corrected, vari-focal lenses for use with True Day/Night camera models
- Available as camera pre-packs for easy ordering and installation
- Day/Night models also include:
 - Focus adjust mode for ease of installation and focus accuracy
 - On-screen menu display for easy programming (such as camera titles)
 - Monitor mode to optimise output for CRT or LCD displays
 - Advanced pixel correction
 - Factory default settings
 - Auxiliary input and output
 - Selectable 4 zone BLC
 - Manual shutter mode



ADCSHR series fixed cameras are the ideal choice for applications requiring 540 TVL to provide super, high resolution images and true color rendition. Depending upon the scene and lighting conditions, the camera offers AWB, AGC, AES, and BLC controls which you can set to optimise image performance. The Night-Saver mode automatically switches the cameras to B/W in scenes with less lighting to provide you with better low-light detail performance. These cameras feature internal and phase adjustable line-lock options for "roll-free" switching. The cameras are available in NTSC or PAL formats with 24 VAC/12 VDC voltages to meet a variety of application requirements. A 230 VAC mains version is also available in a PAL format.

ADCTDN cameras offer the same features as the ADCSHR series but also include a moving mechanical IR cut filter that provides True Day/Night functionality. For scenes with typical lighting such as daylight or lit indoor applications, the camera provides a 540

TVL super, high resolution image. When light levels drop, the camera automatically removes its' IR cut filter and switches from color to B/W to capture images in very low light. This action can also be triggered manually via an auxiliary input or can trigger an auxiliary output to turn on optional accessories such as IR illuminators. ADCTDN cameras also offer many advanced, easy-to-use features, like on-screen menu programming with default settings.

Advanced pixel correction, focus adjust mode for focus accuracy, selectable four zone BLC, manual shutter mode, and a monitor mode to optimise for CRT or LCD displays are also included. For a total solution, IR corrected lenses are available for use with the ADCTDN series.

Both series of American Dynamics cameras are extremely reliable, easy-to-install, and designed for use in a wide variety of applications. These cameras are ideally suited for use in areas where high performance in a variety of lighting conditions is required.

(*) lenses sold separately

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TVR Series

Discover Indoor Mini-Domes

Fixed Cameras Analogue

Features That Make a Difference:

- Economical, high quality camera for indoor applications where vandalism is not a concern
- 540 TVL super high resolution 1/3" camera provides superior image quality and color reproduction
- Night-Saver mode for low light conditions
- Three quality auto iris lens options
- Snap-on bubble liner for covert appearance
- Advanced pivoting axis provides greater viewing flexibility
- Easy installation with quick mounting accessory



The Discover Indoor Mini-Domes offer you the budget-friendly price you want while delivering the high quality camera you need. The Discover Indoor super high resolution Mini-Dome has 540 TVL and also includes a user-selectable Night-Saver mode. The Night-Saver mode automatically switches the cameras to B/W in scenes with less lighting to provide you with better low-light detail performance.

For challenging lighting environments, a selectable expanded auto white balance mode is available. Vivid colors and powerful low light performance provide some of the best images available on the market today.

Easy installation and adjustment features mean that your system can quickly be up

and running. An advanced pivoting 3-axis gimbal lets you position the camera at exactly the angle you need, while optimal white balance provides the clearest, most color-perfect images possible. Three different vari-focal auto iris lens size options are available (2.6-6.0mm, 3.0 - 9.0 mm and 9.0 – 22 mm) to provide the flexibility needed to get the exact scene you want.

Choose between a clear or tinted bubble; the included bubble liner adds an extra layer of covertness.

Discover Indoor Mini-Domes can easily be mounted on a surface by using the three mounting screws or with the quick installation mounting accessory included with each unit.

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TVR Series

Discover Indoor/Outdoor Mini-Domes



Features That Make a Difference:

- High impact vandal resistant housing that retains shape even after forceful impact
- Snap-on bubble liner for an extra level of covertness
- Advanced pivoting axis provides greater viewing flexibility
- Three quality auto iris lens options for better image quality and improved low light performance
- High impact vandal resistant polycarbonate bubbles (clear and tinted)
- Multiple camera options, including WDR model with latest
- Pixim® technology and True Day/Night with moving IR filter
- Night-Saver mode for extreme low light conditions
- Easy installation with eight mounting options (surface, flush, pendant, wall, wall-pole, wall-exterior corner, inside corner, electrical box)
- Discover drone option
- IP66 and NEMA4-rated¹ for -30° to 50°C (-22° to 122°F)

The Discover series of Mini-Domes delivers a vandal resistant camera solution at a non-vandal resistant price. This series of high performance mini-domes includes high impact, vandal resistant dome housings built to withstand even the harshest environments. Unlike other dome housings in the industry, which are made of metal, the Discover series housing is made with extremely durable composite and polycarbonate materials that have “shape memory”. The Discover housing comes with a choice of clear or tinted vandal resistant bubbles and includes a bubble liner to make it more covert. An advanced pivoting axis lets you position the camera at exactly the angle you need, while optimal white balance provides the clearest, most color-perfect images possible.

With three different types of mini-domes to choose from, there's a Discover solution just right for your particular requirements.

The Discover wide dynamic range (WDR) mini-dome uses over 504 lines of resolution and a pixel-by-pixel shutter speed that lets you see better in areas where both very bright and dark areas exist, such as an entranceway. This model also features up to a 2x digital zoom to get an even closer view of the

action. Night-Saver mode improves performance in low light situations, automatically switching from color to monochrome as light dims, and reverting back to color once light is restored. The WDR mini-dome also includes a DVR-Saver mode which helps conserve valuable hard drive space, reducing the size of video files by up to 30% when used with an Intellex digital video management system.

The Discover high resolution mini-dome has 540 TVL and also includes a user-selectable Night-Saver mode. For challenging lighting environments, a selectable expanded auto white balance mode is available. Vivid colors and powerful low light performance provide some of the best images available on the market today.

The True Day/Night model incorporates a moving IR cut filter and switches automatically from color to monochrome to provide enhanced IR-sensitive night viewing.

The Discover series includes a drone option—which looks like a mini-dome from the outside but without a camera inside—and is perfect for crime deterrence at an even greater cost savings.

(1) Self certified

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TVR Series

Fixed Cameras IP

The Illustra 400 Series IP Cameras deliver market-leading image quality and low light performance with the optimal balance between resolution and storage impact. Wide dynamic range, onboard recording platform and email/FTP alerts make these cameras some of the most powerful and versatile standard definition IP devices on the market.

Illustra 400 series cameras have many important features: superior low light performance, onboard recording management, colour, and form factor options. The 2/3 megapixel will be an excellent choice for customers transitioning from analogue. 896x720p (650k pixels) represent 100 % greater resolution than high resolution analogue cameras. Customers who intend to buy megapixel cameras may be surprised by the significant impact of increased storage cost. With this in mind, the illustra 400 storage demands is just a fraction of what they were with 1.3, 2, 3 or 5 megapixel cameras.

Whether the need is for an improved resolution over analogue, or for a better option to manage the storage impacts of megapixel resolution, illustra 400 stands alone as the best solution in the industry.

- **Fixed IP**

- Illustra 400 IP Box Camera
- Illustra 400 IP Bullet Camera
- Illustra 400 IP Indoor Mini-Dome
- Illustra 400 IP Outdoor Mini-Dome
- IP Mini-Domes Indoor & Outdoor
- IP Standard Resolution Box Camera

- **IP Encoders**

- IP Encoder 8 Channel

Illustra 400 IP Series Cameras

2/3 Megapixel Box



Features That Make a Difference:

- Quick and easy installation using existing American Dynamics mounts
- Compatible with Illustra Connect software or web browsers for fast and flexible setup
- Industry leading low light clarity in colour and black and white provides clearer images
- Wide dynamic range for clarity in challenging backlit environments
- Dual encoding and Dual streaming, progressive scan video delivers flexibility and quality
- Highly efficient H.264 compression up to 30 ips dual streaming saves network traffic and storage
- Range of resolution options up to 650k pixels means up to four times as much detail as a traditional camera
- True day/night functionality allows 24 hour operation
- PoE compliant
- Choice of colours to match environment

The Illustra 400 Series Box bridges the resolution gap between standard and megapixel resolution. Its 30 ips at 896 x 720 resolution sets it apart as a versatile device. Combining superior resolution with H.264 compression, this camera creates an ideal blend of image quality and bandwidthfriendly performance.

The Illustra 400 Series includes an expansive range of features, such as onboard motion detection, wide dynamic range, and remote onboard storage management. These cameras deliver superior quality and versatility at an economical price point.

Power over Ethernet (802.3 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

The Illustra 400 Series Box comes either without a lens, or packaged with the Theia SY110A wide angle lens for a distortion-free 110 degree field of view. The wide angle option has advantages in that it provides the best wide angle image quality without "barrel distortion" or vignetting. This spreads the video data evenly across the image, where other wide angle lenses bunch the data into the center of the image. This feature leaves less data at the edges, where functions such as motion search or analytics may be less effective with other lenses.

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Illustra 400 IP Series Cameras

2/3 Megapixel IP66 Outdoor Bullet



Features That Make a Difference:

- Quick and easy installation using existing American Dynamics mounts
- Compatible with Illustra Connect software or web browsers for fast and flexible setup
- Industry leading low light clarity in colour and black and white provides clearer images
- Wide dynamic range for clarity in challenging backlit environments
- Dual encoding and Dual streaming, progressive scan video delivers flexibility and quality
- Highly efficient H.264 compression up to 30 ips dual streaming saves network traffic and storage
- Range of resolution options up to 650k pixels means up to four times as much detail as a traditional camera
- True day/night functionality allows 24 hour operation
- On-board IR illumination allows 0 Lux operation
- PoE compliant (802.3 af PoE)
- IP66, vandal resistant housing
- Sleek weatherproof construction with adjustable sunshield and security screws
- Supplied mouting arm with integral cable management allows neat installation
- Choice of colours to match environment

The Illustra 400 Series Bullet has one of the most powerful sensor-processor combinations available on the market with a weatherproof IP66 sleek enclosure. Its 896 x 720 resolution sets it apart as a versatile device, bridging "standard resolution" with 650k pixels for incredibly high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

With wide dynamic range, advanced onboard storage, and remote management, these IP cameras deliver superior quality and versatility.

Power over Ethernet (802.3 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

PoE also powers the integrated IR illuminators up to 16.76m (55 ft). The IR illuminators take the Illustra 400 Bullet's low light performance to a higher level. While the 400 Series delivers clarity at 0.2 lux in color and 0.01 lux in black and white, the IR illuminator allows these levels to go even lower. When low light is important, the illuminators will light the scene when there is zero ambient light.

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Illustra 400 IP Series Cameras

2/3 Megapixel Indoor Mini-Dome

Features That Make a Difference:

- Quick and easy installation using existing American Dynamics mounts
- Compatible with Illustra Connect software or web browsers for fast and flexible setup
- Industry leading low light clarity in colour and black and white provides clearer images
- Wide dynamic range for clarity in challenging backlit environments
- Dual encoding and Dual streaming, progressive scan video delivers flexibility and quality
- Highly efficient H.264 compression up to 30 ips dual streaming saves network traffic and storage
- Range of resolution options up to 650k pixels means up to four times as much detail as a traditional camera
- True day/night functionality allows 24 hour operation
- On-board IR illumination allows 0 Lux operation
- PoE compliant
- Choice of colours to match environment



The Illustra 400 Series Indoor Mini-Dome has a compact design and comes in a variety of colors.

Its 896 x 720 resolution sets it apart as a versatile device bridging “standard resolution” with 650k pixels for very high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

With wide dynamic range, advanced onboard storage, and remote management, these IP cameras deliver superior quality and versatility.

Power over Ethernet (802.3 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

PoE also powers the integrated IR illuminators up to 16.76m (55 ft). The IR illuminators take the Illustra 400 Mini-Dome’s low light performance to a higher level. While the 400 Series delivers clarity at 0.2 lux in colour and 0.01 lux in black and white, the IR illuminator allows these levels to go even lower. When low light is important, the illuminators will light the scene when there is zero ambient light.

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Illustra 400 IP Series Cameras

2/3 Megapixel IP66 Outdoor Vandal Resistant Mini-Dome

Features That Make a Difference:

- Quick and easy installation using existing American Dynamics mounts
- Compatible with Illustra Connect software or web browsers for fast and flexible setup
- Industry leading low light clarity in colour and black and white provides clearer images
- Wide dynamic range for clarity in challenging backlit environments
- Dual encoding and Dual streaming, progressive scan video delivers flexibility and quality
- Highly efficient H.264 compression up to 30 ips dual streaming saves network traffic and storage
- Range of resolution options up to 650k pixels means up to four times as much detail as a traditional camera
- True day/night functionality allows 24 hour operation
- On-board IR illumination allows 0 Lux operation
- PoE compliant (802.3 af PoE)
- IP66, vandal resistant housing
- Choice of colours to match environment



The Illustra 400 Series Outdoor Vandal Resistant Mini-Dome has one of the most powerful sensor-processor combinations available on the market with a weatherproof IP66 enclosure. Its 896 x 720 resolution sets it apart as a versatile device bridging “standard resolution” with 650k pixels for very high resolution. This powerful resolution and H.264 compression creates a blend of image quality and bandwidth-friendly performance.

With wide dynamic range, advanced onboard storage, and remote management, these IP cameras deliver superior quality and versatility.

Power over Ethernet (802.11 af PoE) enables a single cable to power the device while sending video and receiving commands, saving time and installation costs.

PoE also powers the integrated IR illuminators up to 16.76m (55 ft). The IR illuminators take the Illustra 400 Mini-Dome's low light performance to a higher level. While the 400 Series delivers clarity at 0.2 lux in colour and 0.01 lux in black and white, the IR illuminator allows these levels to go even lower. When low light is important, the illuminators will light the scene when there is zero ambient light.

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IP Fixed Cameras

Indoor and Outdoor Mini-Domes



Features That Make a Difference:

- Economical, high quality mini-domes for indoor and outdoor applications
- D1 resolution
- Offers true day/night functionality for low light conditions
- Built-in IR illuminator for no light conditions
- Supports MJPEG and MPEG-4 compression technologies
- Outdoor model features vandal-resistant housing
- Access and control the mini-domes from web browser or the latest versions of Intellex IP and VideoEdge® NVR
- Multiple level password protected user access
- USB interface for browser-based IP configuration

Whether it is high-resolution, true day/night, onboard SD card storage or USB interface, VideoEdge IP fixed cameras are feature rich at a price you can afford.

Additional features to name but a few include high-resolution, vandal-resistant housings, IR illuminators, and true day-night capabilities ensuring the quality you expect from American Dynamics is carried through into the world IP.

VideoEdge IP Mini-Domes feature an advanced pivoting three-axis gimbal that can be positioned at exactly the angle you need.

The Outdoor Mini-Dome model features a vandal-resistant housing designed to withstand even the harshest environments.

Ease of configuration a concern? Each of the VideoEdge IP Mini-Domes has a USB interface. Connect your PC or laptop to the camera, and the configuration manager for the camera appears in your browser. Make your changes, click 'save', and move to the next camera.

As part of the VideoEdge suite of IP solutions, the new IP Mini-Domes can be accessed and controlled using the VideoEdge Network Video Recorder (NVR).

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IP Standard Resolution

Indoor Box Cameras



Features That Make a Difference:

- Economical, high quality box camera
- D1 resolution
- Built-in local SD card storage
- Offers true day/night functionality for low light conditions
- Architecture leverages MJPEG and MPEG-4 compression technologies
- Access and control the mini-domes from web browser or the latest versions of Intellex IP and VideoEdge® NVR
- Multiple level password protected user access
- 10/100 Base-T network support
- PoE and non-PoE versions available
- Easy installation with existing American Dynamics mounts
- Operates as a USB device for easy browser-based configuration

VideoEdge IP Fixed Cameras deliver a superior feature set at an affordable price. Whether it is high-resolution, true day/night, on-board SD card storage or USB interface, the cameras offer excellent performance.

The VideoEdge IP Indoor Box Cameras offer up to 16 GB of local SD card storage to help reduce network issues. True day-night functionality driven by a mechanical IR cut filter provides low light visibility.

Power over Ethernet (PoE) enables a single cable to power the device while sending video and receiving commands saving time and installation cost.

These IP box cameras are compatible with the same lenses and mounts used by American Dynamics analogue box cameras. No need to learn new installation techniques or model numbers.

At D1 resolution image clarity is superior. MJPEG and MPEG-4 compression technologies provide flexible bandwidth management, allowing you to tailor the image to meet your needs.

Ease of configuration a concern? Each of the VideoEdge IP Box Cameras has a USB interface. Connect your PC or laptop to the camera, and the configuration manager for the camera appears in your browser. Make your changes, click 'save', and move to the next camera.

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IP Encoder

8-channel IP encoder



Features That Make a Difference:

- Video streaming over IP
- Eight analogue video sources
- 1U 19" rack mount
- H.264/MJPEG compression
- 30 ips on every channel @ D1
- Dual encode live view/recording
- Embedded de-interlacing
- Utilizes Mango IVS™ software
- Built-in video analytics
- Gigabit Ethernet
- Eight audio in/out
- RS232 + RS422/485 for PTZ control
- Sixteen alarm inputs / 8 relays/ USB 2.0

The American Dynamics 8-channel IP Encoder transforms analogue video to high quality IP video streams. The embedded software has the ability to capture and encode analogue video and audio, while compressing the data in the leading-edge H.264 codec. PTZ controls are managed with ultra-low latency. The easy-to-use built-in web interface lets you control all aspects of video encoding. In addition, the rack mount IP encoder is capable of delivering DVD quality video.

With the SensorNet add-on module, this is the only IP encoder that can preserve the investment customers have made in the SensorNet protocol.

Related Products



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Speeddome

Matrix Switchers

Our matrix switcher solutions give you the basic building blocks for developing a video surveillance system tailored to the dimensions your situation dictates. Every one of our matrix switchers is full cross point, equipped with dome control and sophisticated alarm handling. You can program a variety of responses from one or multiple alarms to include any combination of salvos, presets, patterns, auxiliary actions and more. The greatest strength of our matrix switchers besides proven reliability, lies in their scalability, start as small as 16 inputs by 4 outputs and grow your system to accommodate 1000s of cameras and domes.

- **MP3200**
- **MP48 Plus**
- **MPLT**
- **Keyboards**
 - ADTTE
 - Control Center 200/300
 - AD2089
 - Control Center 1100

MegaPower 3200

Matrix Switcher/Controller System

Features That Make a Difference:

- **NEW!** Supports SensorNet, Manchester, and RS-422 dome control protocols directly from the CPU without the need for additional accessories
- **NEW!** Integrate SpeedDome Programmable Dome Camera alarms utilizing SensorNet and duplex RS-422 protocols
- **NEW!** Enhanced salvo functionality with new view programming option
- **NEW!** Programming options for setting date/time including Daylight Saving Time (DST)
- Scalable, high-density modular architecture for easy expansion
- Supports up to 3,200 video inputs, 256 outputs, and 128 keyboards¹
- Dual CPU mode provides inherent passive hot switch failover for system reliability
- Synchronize time to Network Time Protocol (NTP) for integration with other devices on the network
- Store snapshots of important scenes on your network
- Windows®-based system management software provides a powerful tool for remote configuration and monitoring
- Customise your workstation experience with powerful macros
- Keep a watchful eye with video presets, patterns, tours, and salvos
- Control recorded video just as easily as live – even switching from one to the other with a simple keystroke²



MegaPower 3200 is a modular, scalable video matrix switcher/controller system designed for the largest and most sophisticated users of CCTV such as airports, corporate or government complexes, casinos, and large medical centers.

Start with a single CPU and switcher bay and easily expand by adding switcher bays for more inputs and outputs. Dual CPU mode provides redundant CPU backup protection with fault detection and hot switch failover to ensure uninterrupted system operation. Achieve a full cross-point video matrix of up to 38,528 video inputs by 256 video outputs with a satellite connection of up to 30 systems. MegaPower 3200 is maintenance and user-friendly, letting you easily swap out the CPU, video input and video output modules without removing system cables. Plus, an LCD displays CPU status while LED indicators provide information on port activity.

With powerful user-defined macros, you can customise American Dynamics®

matrix keyboards³ to perform a multitude of system tasks via simple, easy to remember keystrokes.

MegaPower 3200 connects seamlessly to your network to enable PC-based configuration, firmware updates, activity logging, snapshots, time synchronization, and email text messaging. In addition, you can send activity logs and reports of user control, alarms, and configuration changes to any PC on the network.

As an essential part of the powerful American Dynamics Enterprise Surveillance Solution, MegaPower 3200 enables you to switch back and forth between live and recorded video using the same keyboard and monitor. By integrating with Network Client Remote Management Software, users can achieve important Intellex® digital video management system functionality such as camera playback, tours, and salvos using the same CCTV keyboard and monitor.

(1) Requires port expanders and dual mode CPU

(2) Feature supported with AD2089 keyboard and Network Client v4.04 and higher

(3) Supports ControlCenter 1100 and AD2089 keyboards

Related Products



Speeddome



Discover Cameras



Mega Power Control Centre

MegaPower™ 48 Plus

Matrix Switcher/Controller System

Features That Make a Difference:

- **NEW!** 3 flexible expansion modes using a primary/secondary configuration of up to 7 systems and 288 cameras
- **NEW!** Ethernet Cat 5 IP connection for multi-matrix communications and system setup
- **NEW!** EASY 48 configuration and monitoring software for Windows® XP, 2000, 95/98 and NT® 4.0-based systems
- **NEW!** Dome ping test and status display
- **NEW!** Improved legacy RS-422 dome support, including simplex RS-422
- **NEW!** SensorNet/RS-422 command for DirectSet® dome control menu with ControlCenter™ 200 and 300 series keyboards
- Modular microprocessorbased, high-density matrix
- 48 video inputs
- 16 video outputs, 8 with text overlay
- Slim, vertical wall-mount design; optional rack mount kit available
- Tool-free removability of main electronics unit (MEU) keeps system wiring intact
- Optional Unshielded Twisted Pair (UTP) Adaptor Module allows installation with simple UTP cable for video
- Full embedded system menus for easy setup
- Removable flash memory module for data backup without a PC
- Recorder control for VCRs and digital recorders
- User-defined macros
- Supports wireless text messaging on alarm for pagers and cellular phones
- 4096 preset titles
- 250 alarm titles
- Dedicated alarm programming tables differentiate between alarm sources
- 8 flexible RS-232 inputs expandable to 32 per MP 48
- 64 system tours and 64 salvos



The MegaPower™ 48 Plus Matrix Switcher/Controller System takes the modular design and high-end functionality of the MegaPower 48 to new levels of flexibility and performance for the small to mid-sized application. Features standard to our largest matrix switchers – macro control, recorder control, a choice of keyboards, a complete offering of programmable functions – are augmented with several exciting enhancements.

For one, the MegaPower 48 Plus is an Ethernet Cat 5 IP enabled matrix that can operate as a stand-alone system or as part of a network. Choose from one of three expansion modes and grow your system by up to 288 inputs. Whether used as a centralized or distributed system, the MegaPower 48 Plus can be cost-effectively installed and optimised for the most challenging of site requirements.

The new EASY48 system configuration software is a user-friendly MS Windows® application that permits the administrator

to program the MegaPower 48 Plus either on-site or remotely via Ethernet or RS-232. Use it to remotely check the system status of cameras and monitors via an Ethernet connection or to back up and restore both system data and dome preset coordinates.

The slim modular wall-mount design saves space and reduces cabling costs by letting you install the MegaPower 48 Plus in the location that is most central to your cameras. Because it doesn't have to be rack mounted in a control room, the MegaPower 48 Plus can be installed anywhere in your facility – even an electrical closet, or maximize the space and fit in more devices in your standard rack by installing it at 90° angle behind other equipment. You can also rack mount the MegaPower 48 Plus at other angles to facilitate easy cable connections with the optional rack mount kit.

Related Products



Speeddome



Discover Cameras



Mega Power Control Centre

MegaPower LT

Matrix Switcher/Controller System



Features That Make a Difference:

- DirectSet function allows dome settings to be easily changed
- 128 views (camera/preset and camera/pattern)
- 16 sequences/tours
- ADnet (RS-485) and RS-232 communication protocols
- Supports up to eight keyboards with priority settings
- Password protection for menu entry
- Network up to three matrix systems on an ADnet (RS-485) bus
- Dome ping test
- System partitioning
- Video loss detection on all channels
- Alarm titles
- Five alarm display modes
- Three alarm response modes
- Send alarm messages to other networked matrix systems
- 255 event messages
- Embedded menu support for English, French, Spanish, German and Italian
- 16 x 4 or 32 x 8 models
- Looping inputs, auto terminated
- Supports SensorNet or AD-Up-The-Cable (AD-UTC) dome protocols
- Controls RS-422 domes using the SensorNet to RS-422 converter
- Supports FSK coaxial telemetry

American Dynamics™ MegaPower LT matrix switcher systems are designed to satisfy the needs of small scale installations. The system is available in 16 and 32 input models and supports American Dynamics MegaPower 1100, ADTTE, AD2089, and ControlCenter 200 and 300 keyboards.

MegaPower LT is fully compatible with the SpeedDome series of programmable dome cameras. It supports the highly reliable ADnet RS-485 communication protocol as well as SensorNet and digitalAD-Up-The-Cable (AD-UTC) protocols. These protocols enable you to “ping” the dome to verify communication. In addition, the DirectSet feature allows you to quickly change dome camera settings.

MegaPower LT supports standard dome features such as presets, patterns and auxiliaries as well as “views,” which allow an operator to call a camera/preset or camera/pattern with a single command.

This small versatile system can be mounted virtually anywhere—in racks, on walls or even under a desk. It supports the robust features you would typically expect in a high-end system including partitioning, priorities, sequences; and includes a robust alarm-handling package. In addition, you can network up to three MegaPower LT systems to form a distributed system. MegaPower LT is also easily integrated with other security system components through the American Dynamics standard RS-232 keyboard protocol.

Related Products



Speeddome



Discover Cameras



Matrix

ADTTE Touch Tracker®

Matrix Switcher Keyboard

Features That Make a Difference:

- Attractive ergonomic design
- Camera, monitor and satellite site selection
- New controlstick provides pan/tilt functions
- Lens control (zoom, focus, iris)
- Supports dome “flip” feature
- Preset, pattern auxiliary control
- Tour, salvo and alarm control
- Built-in self-test hardware and software operation
- Supports multiple languages (English, French, Spanish, German, Italian and Portuguese)
- Backlit LCD display



The ADTTE Touch Tracker matrix switcher keyboard is compact, ergonomically-designed and compatible with MegaPower® matrix switcher/controller systems. This keyboard provides easy access to a complete selection of video switching options – from basic camera and monitor selection to the most advanced automatic control.

The new controlstick provides pan/tilt functions of the currently selected dome. Buttons for lens zoom, focus, and iris functions are located near the controlstick enabling one-handed operation. The keypad features buttons that allow you to assign any camera to any monitor and access special features such as salvos, tours, and alarms.

The LCD displays the selected camera, monitor, and site. It also enables you to see the numbers as you enter them and it displays system prompts and messages.

Related Products



Speeddome



Discover Cameras



Matrix

ControlCenter™

200/300 Series Keyboards



ControlCenter 200



ControlCenter 300

Features That Make a Difference:

General

- Choice of models with variable-speed and vector solving joysticks
- Selectable keyboard protocols, RS-232 or ADnet (RS-485) for control of various matrix switching systems
- LCD display with adjustable contrast
- Tactile, color-coded elastomeric keys
- Preset, pattern and auxiliary control
- Lens control
- Tour and salvo control
- DirectSet dome function control
- Alarm control
- Passcode protection for programming functions

ADnet (RS-485) Mode

- DigiMux control
- MegaPower LT control
- Direct control of RS-232 devices via remappable keys

RS-232

- Recorder control (VCRs and digital video recorders)
- MegaPower 48, 168 and 1024 control
- ControlCenter 200 allows no programming access – “Operate only”

The ControlCenter 200/300 Series keyboards are robust, full-function system keyboards compatible with MegaPower™ Matrix Switcher/Controller Systems. The keyboard features color-coded elastomeric keys that have a true tactile feel. There are dedicated keys for selecting matrix and DigiMux™ units. Cameras, presets, patterns, views and auxiliaries are all easily controlled. All system activities, including tours, salvos and alarms, can be controlled directly from the keyboard.

The keyboards offer recorder control for VCRs and digital recorders as well as DigiMux control. The keyboard's vector-solving joystick provides one-handed control of the selected fixed or variable-speed pan/tilt or dome. The ControlCenter 300 also has twist-to-zoom control of motorized lenses.

With either model users can select for both ADnet (RS-485) control of MegaPower LT and DigiMuxes or RS-232 control for MegaPower 48, 168 and 1024 systems. It has adjustable baud rates to properly match the keyboard to the requirements of the matrix switcher/controller system. In addition, the ControlCenter 200 is an operator keyboard, providing no system or camera programming capabilities, when used on MegaPower 48, 168 and 1024 systems.

Both ControlCenter keyboards support the patentpending DirectSet dome control function. Using this dedicated key, the operator can bring up a menu of dome camera functions and change the setting or they can enter the function number directly to quickly change the setting (ex. change from day mode to night mode).

Related Products



Speeddome



Discover Cameras



Matrix

AD2089

CCTV System Keyboard

Features That Make a Difference:

- Variable-speed, vector solving, twist-to-zoom joystick for pan/tilt/zoom control
- Camera, monitor, DVR, VCR and satellite site selection
- 1000 user-defined macros
- Eight customisable macro keys
- DVR control
- LED display with brightness control
- Tactile full-travel keys
- Preset, pattern and auxiliary control
- Joystick push-button for dome flip function
- Lens control
- Tour and salvo control
- Alarm control
- Supports American Dynamics Intellex® digital video management systems



The AD2089 series includes robust, full-function CCTV system keyboards available in desktop and rack mount versions and are compatible with MegaPower™ Matrix Switcher/Controller Systems and Intellex Digital Video Management Systems.

The keyboards feature full-travel keys that provide true tactile feel. Dedicated keys enable user log-on, intuitive site and monitor/DVR/VCR selection, and camera or salvo call-up. All system activities, including tours and alarms, can be controlled directly from the keyboard. AD2089 keyboards provide userdefined macro keys that make even the most complex and demanding installations easy to manage. Each operator can customise his or her own keyboard to perform a multitude of system tasks via simple, easy to remember keystrokes.

The keyboard also offers recorder control for digital video recorders. The keyboard's vector-solving joystick provides one-handed control of the selected variable-speed pan/tilt or programmable dome. The joystick's twist action feature provides zoom control of motorized lenses. The push-button at the top of the joystick enables users to quickly flip a compatible dome 180° for uninterrupted surveillance of subjects who pass directly underneath the dome.

The keyboard's internal beeper sounds for five seconds upon receipt of an alarm. It has adjustable baud rates to properly match the keyboard to the network and matrix switcher/ controller system, and a self-test mode to verify both hardware and software operation of the communications port, LEDs, joystick, beeper, and memory.

Related Products



Speeddome



Discover Cameras



Matrix

MegaPower ControlCenter™

Full Function Matrix Switcher Keyboard



Features That Make a Difference:

- **NEW!** Lean and sophisticated design
- **NEW!** Adjustable tilt feet
- Smart card access giving three levels of user access: Operator, Supervisor and Administrator
- 64 customisable macro keys which are 8 keys per named macro family group
- 1000 user-defined macros stored on smart cards
- Large back-lit LCD display with brightness control
- Camera view, camera control and monitor partitioning via the smart card
- User ID options via the smart card
- Integrated smart card programmer/reader
- Soft-key driven menu options
- Variable-speed, vectorsolving, twist-to-zoom joystick for pan/tilt/zoom control
- Camera, monitor, recorder and satellite site selection
- Preset, pattern and auxiliary control
- Lens control keys
- Tour, salvo control
- Alarm control
- Recorder control (VCRs and DVRs)
- Remappable iris and focus keys allow one-handed camera control

The MegaPower ControlCenter offers advanced control and programming of the MegaPower family of matrix/controller systems, via an easy to use hardware and software interface. A user can accomplish complex tasks with ease due to an intuitive user interface that is highly customisable. Also, by integrating smart card technology, MegaPower ControlCenters become truly unique workstations for each and every user.

The large backlit LCD provides a menu-driven interface that allows users to quickly navigate through all system functions. These functions include the sixty-four macro keys that are arranged with eight macros to a screen. Each operator can customise their own keyboard to perform a multitude of system tasks via simple, easy to remember keystrokes intuitive to that operator. The user can customise each macro key with an icon or name from the

library of 250 unique identifiers. These keys can denote any camera view, camera location, and/or system function. In addition, each of the eight screens can be given a userdefined macro family name so that macros can be logically organized into groups.

The LCD display window uses large, clear text to indicate the currently selected site, camera, preset, monitor and recorder number. Standard system controls are

selected via the color coded, rubberized general purpose soft keys and a 3-axis joystick provides precise one-handed control of pan, tilt and zoom functions. In addition, the keyboard offers recorder control for VCRs and digital video recorders.

Keyboard access is controlled via removable smart cards, configurable for different levels of functionality: operator, supervisor and administrator. The smart card provides general access (i.e. all operators use the same card) or passcode access. Also, the smart card can be used to partition camera view, control and monitor access to create a custom workspace that follows each user to any keyboard location. Moreover, the smart cards can store the macro data so that macros can be transferred from one ControlCenter to another or even be customised for each user.

With the multi-function Camera Next/Last keys, the user will be able to step back and forth through the last twenty cameras selected. This allows the user to undo previous camera call-ups. If a tour is enabled, then these keys will perform tour control functions.

The MegaPower ControlCenter gives the user extensive control capabilities in a package that breaks new ground in ease of use.

Related Products



Speeddome



Discover Cameras



Matrix

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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